

ABSTRACT

A₂ A mobile component of a data exchange system, in particular a mobile telephone of a home mobile radio system, is equipped with an Internet interface in order to transmit control commands via the Internet interface to a control device in
5 order to control one or more consumers, whereby the control device converts these control commands into a corresponding control of the required consumer.

In the Claims

10 On page 10, cancel line 1, and substitute the following left-hand justified heading therefor:

CLAIMS

Please cancel claims 1-9, without prejudice, and substitute the following claims therefor:

10. A data exchange system, comprising:
15 a mobile component; and
a control device for receiving control commands from the mobile component to control at least one consumer, converting the control commands into corresponding control signals and transmitting the control signals via a data transmission path to the consumer to be controlled;
20 wherein the mobile component further comprises an Internet interface to transmit control commands to the control device, the control device evaluating the control commands and converting the control commands into a corresponding control of the consumers connected to the data transmission path, and
wherein the mobile component further comprises an identification unit for
25 supplying information to identify the user of the mobile component, at least one of the mobile component and the control device evaluating the identification information supplied by the identification unit in order to release at least one of access to the consumers connected to the data transmission path and individual functions of the consumers.

11. A data exchange system as claimed in claim 10, wherein the mobile component is a mobile telephone.

5 12. A data exchange system as claimed in claim 10, wherein the control device further comprises an interface device for creating a communications interface between the mobile component and a communications network.

10 13. A data exchange system as claimed in claim 12, wherein the control device is controlled by the mobile component in a different frequency range than a frequency range used for the transmission of communications information between the mobile component and the interface device.

15 14. A data exchange system as claimed in claim 10, wherein the control device, the data transmission path and the consumers to be controlled are accommodated in one housing unit.

20 15. A data exchange system as claimed in claim 10, wherein the data transmission path is a bus line via which a plurality of consumers can be controlled with the aid of the mobile component and the control device.

16. A data exchange system as claimed in claim 10, wherein the control device makes a status query relating to the consumers connected to the data transmission path with the aid of the mobile component.

25 17. A data exchange system as claimed in claim 10, wherein the consumers connected to the data transmission path can be controlled via a hierarchical menu structure which can be presented on a display unit of the mobile component when the control device is controlled by the mobile component.

18. A data exchange system as claimed in claim 10, wherein the mobile component and the control device transmit the control commands via the Internet interface of the mobile component in accordance with the WAP protocol.

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